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501-455-3233 Fax 501-455-6118

02 October 2012

Jim Fleer
Oxford Environmental & Safety, Inc
14348 Nieman Rd.
Overland Park, KS 66221

RE: Arkwood Monthly Sampling
SDG Number: 1209285

Enclosed are the results of analyses for samples received by the laboratory on 25-Sep-12 09:45. If you have any questions concerning this report, please feel free to contact me.

Sample Receipt Information:

Custody Seals	✓
Containers Correct	✓
COC/Labels Agree	✓
Preservation Confirmed	✓
Received On Ice	✓
Temperature on Receipt	2.0°C

Sincerely,

A handwritten signature in blue ink that reads "Norma James".

Norma James
President

02 October 2012



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CASE NARRATIVE

Sample Delivery Group – 1209285

Qualified Analytical and/or Quality Control Results are Discussed Below:

Semivolatiles Analysis:

The three compounds labeled (surr) on the attached final report are "surrogates." Recovery of surrogates is for lab use only to determine the effectiveness of the extraction procedure; surrogate recoveries are not analytical results. The three surrogate compounds are as follows: 2,4,6-tribromophenol, 2-fluorophenol, and Phenol-d5.

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ANALYTICAL RESULTS

Lab Number: 1209285-01
Sample Name: Mouth
Date/Time Collected: 9/24/12 14:54
Sample Matrix: Water

<u>Semivolatiles</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
Pentachlorophenol	ug/L	73.2		9/27/12 16:43	A209318	8270D
2,4,6-Tribromophenol [surr]	%	98.7		9/27/12 16:43	A209318	8270D
2-Fluorophenol [surr]	%	58.9		9/27/12 16:43	A209318	8270D
Phenol-d5 [surr]	%	32.2		9/27/12 16:43	A209318	8270D

ANALYTICAL RESULTS

Lab Number: 1209285-02
Sample Name: Weir
Date/Time Collected: 9/24/12 14:15
Sample Matrix: Water

<u>Semivolatiles</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
Pentachlorophenol	ug/L	< 5.00		9/27/12 17:04	A209318	8270D
2,4,6-Tribromophenol [surr]	%	43.9		9/27/12 17:04	A209318	8270D
2-Fluorophenol [surr]	%	18.0		9/27/12 17:04	A209318	8270D
Phenol-d5 [surr]	%	13.7		9/27/12 17:04	A209318	8270D

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QUALITY CONTROL RESULTS

Semivolatiles - Quality Control Analyzed: 27-Sep-12 15:18 By: TB

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch A209318 - 3510C Modified

Blank (A209318-BLK1)

Prepared: 25-Sep-12 Analyzed: 27-Sep-12

Pentachlorophenol	ND	5.00	ug/L							
Surrogate: 2,4,6-Tribromophenol	38.9		"	40.0		97.2	19.3-113			
Surrogate: 2-Fluorophenol	24.0		"	40.0		60.0	13-75.4			
Surrogate: Phenol-d5	13.2		"	40.0		33.0	13.1-75.2			

LCS (A209318-BS1)

Prepared: 25-Sep-12 Analyzed: 27-Sep-12

Pentachlorophenol	41.9	5.00	ug/L	40.0		105	48.5-124			
Surrogate: 2,4,6-Tribromophenol	41.8		"	40.0		105	19.3-113			
Surrogate: 2-Fluorophenol	22.9		"	40.0		57.2	13-75.4			
Surrogate: Phenol-d5	15.8		"	40.0		39.4	13.1-75.2			

Matrix Spike (A209318-MS1)

Source: 1209285-01

Prepared: 25-Sep-12 Analyzed: 27-Sep-12

Pentachlorophenol	154	10.0	ug/L	80.0	73.2	101	29.2-146			
Surrogate: 2,4,6-Tribromophenol	80.7		"	80.0		101	19.3-113			
Surrogate: 2-Fluorophenol	42.6		"	80.0		53.3	13-75.4			
Surrogate: Phenol-d5	29.9		"	80.0		37.4	13.1-75.2			

Matrix Spike Dup (A209318-MSD1)

Source: 1209285-01

Prepared: 25-Sep-12 Analyzed: 27-Sep-12

Pentachlorophenol	163	10.0	ug/L	80.0	73.2	112	29.2-146	5.95	25.6	
Surrogate: 2,4,6-Tribromophenol	81.5		"	80.0		102	19.3-113			
Surrogate: 2-Fluorophenol	40.8		"	80.0		51.0	13-75.4			
Surrogate: Phenol-d5	28.0		"	80.0		35.0	13.1-75.2			

All Analysis performed according to EPA approved methodology when available:

SW 846, Revised December, 1996; EPA 600/4-79-020, Revised March, 1983; Standard Methods, 20th Edition.

Instrument calibration and quality control samples performed at or above frequency specified in analytical method.

A handwritten signature in blue ink that reads "Norma James".

Reviewed by:

Norma James
President

**Jim Floor
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CHAIN OF CUSTODY FORM(S)



**11701 Interstate 30, Bldg. 1, Ste. 115
Little Rock, AR 72209
PHONE: 501-455-3233
FAX: 501-455-6118**

CHAIN OF CUSTODY RECORD

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